

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Volume XXIII

Number 2

Announcement of the New York State College of Home Economics for 1931-32

Ithaca, New York
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THE CALENDAR FOR 1931-32

1931		FIRST TERM
Sept. 21	Monday	University entrance examinations begin.
Sept. 28	Monday	Academic year begins. Registration of new students.
Sept. 29	Tuesday	Registration of new and old students.
Sept. 30	Wednesday	Registration of old students.
Oct. 1	Thursday	Instruction begins.
Oct. 23	Friday	Last day for payment of tuition.
Nov. 26-28		Thanksgiving recess.
Dec. 19	Sat. 12.50 p.m.	Instruction ends.
	1932	} Christmas recess.
Jan. 4	Mon. 8 a.m.	
Jan. 11	Monday	Birthday of Ezra Cornell. Founder's Day.
Feb. 1	Monday	Term examinations begin.
Feb. 10	Wednesday	Term examinations end.

SECOND TERM

Feb. 12	Friday	}	Registration of all students.
Feb. 13	Saturday		
Feb. 15	Mon. 8 a.m.		Instruction begins.
Feb. 15-20			Farm and Home Week.
Mar. 7	Monday		Last day for payment of second-term tuition.
Apr. 2	Sat. 12.50 p.m.		Instruction ends.
Apr. 11	Mon. 8 a.m.		Instruction resumed.
May 28	Saturday		Spring Day recess.
June 6	Monday		Term examinations begin.
June 20	Monday		Sixty-fourth Annual Commencement.

CORRESPONDENCE

Correspondence concerning entrance to Cornell University should be addressed to Dr. Eugene F. Bradford, Director of Admissions, Cornell University, Ithaca, New York.

Correspondence concerning requirements for graduation, advanced-standing, records, and correspondence of a general nature, should be addressed to the Secretary of the Colleges of Agriculture and Home Economics, Roberts Hall, Ithaca, New York.

Correspondence concerning the content of home-economics courses should be addressed to the Directors of the College of Home Economics, Cornell University, Ithaca, New York.

Correspondence concerning graduate work in home economics should be addressed to the Dean of the Graduate School, Cornell University, Ithaca, New York.

Correspondence concerning the content of hotel courses, and the hotel-practice requirement, should be addressed to Professor H. B. Meek, Cornell University, Ithaca, New York.

NEW YORK STATE COLLEGE OF HOME ECONOMICS

STAFF OF ADMINISTRATION

Livingston Farrand, A.B., M.D., L.H.D., LL.D., President of the University.
Albert Russell Mann, B.S.A., A.M., D.Sc., D.Agr., LL.D., Dean of the Colleges of Agriculture and Home Economics.*
Cornelius Betten, Ph.D., D.Sc., Director of Resident Instruction.
Carl Edwin Ladd, Ph.D., Director of Extension.†
Ralph Hicks Wheeler, B.S., Professor in Extension Service and Acting Director of Extension (first term).
Martha Van Rensselaer, A.B., D.Ped., Director of the College of Home Economics and State Leader of Home Demonstration Agents.
Flora Rose, B.S., M.A., D.Ped., Associate Director of the College of Home Economics.
Olin Whitney Smith, B.S., Secretary of the Colleges of Agriculture and Home Economics.
Willard Waldo Ellis, A.B., LL.B., Librarian.
George Wilson Parker, Bursar.
Ellen Fitchen, A.B., Secretary of the College of Home Economics.
Mrs. Harriet Bliss Stocking, Ph.B., Extension Secretary of Home Economics.

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

Gertrude W. Betten, B.S., Assistant Manager of the Cafeteria.
Mrs. Myrtle Sherer Betten, Instructor in Home Economics.
Beulah Blackmore, B.S., Professor of Home Economics.
Nancy Lee Booker, M.S., Assistant in Home Economics.
Mrs. Jessie Austin Boys, M.S., Assistant Professor of Home Economics.
Muriel Brasie, M.A., Assistant Professor of Home Economics.†
Sarah Lucile Brewer, B.S., Extension Professor of Home Economics.
Frances Artie Brookins, Assistant Director of Shop.
Olga Pauline Brucher, B.S., M.A., Assistant Professor of Home Economics.
Mrs. Helen Bull, M.D., Acting Professor of Home Economics.
Mrs. Gladys Loraine Butt, B.S., Extension Instructor in Home Economics.
Helen Canon, Ph.D., Professor of Home Economics.
Mildred Carney, B.S., M.A., Extension Assistant Professor in Home Economics.
John Courtney, M.S., Instructor in Hotel Accounting.
Mary Ella Cushman, M.S., Extension Instructor in Home Economics.
Dorothy Celia DeLany, B.S., M.S., Assistant State Leader of Home Demonstration Agents.
Emma Dodson, M.A., Extension Instructor in Home Economics.
Leila Doman, B.Ed., Research Assistant in Home Economics.
Mrs. Dora Wetherbee Erway, Assistant Professor of Home Economics.
Faith Fenton, M.S., Assistant Professor of Home Economics.
Marion Fish, B.S., Assistant in Home Economics.
Marie Belle Fowler, B.S., M.A., Professor of Home Economics.
Katherine Wyckoff Harris, B.S., Assistant Professor of Home Economics and Manager of the Cafeteria.
Mary Frances Henry, M.A., Professor of Home Economics.
Elizabeth Hopper, B.S., Assistant in Home Economics.
Frieda Florence Jones, B.S., Instructor in Home Economics.
Jennie Catherine Jones, Extension Instructor in Home Economics.
Mrs. Elsie Junkin, Assistant in Home Economics.

*Absent first and second terms.

†Absent first term.

- Mrs. Grace Ware Laubengayer, B.S., Extension Instructor in Home Economics.
- Mrs. Jeanette Beyer McCay, B.S., Assistant in Home Economics.
- Emily Rogers Macloon, M.A., Assistant in Home Economics.
- Bessie Cameron McDermid, B.S., Assistant State Leader of Home Demonstration Agents.
- Mrs. Carolyn Brundage McIlroy, Director of Shop.
- Howard Bagnall Meek, S.B., M.A., Professor of Hotel Management.
- Mrs. Charlotte Hopkins Merrell, B.S., Instructor in Home Economics and Assistant Manager of the Cafeteria.
- Day Monroe, Ph.D., Professor of Home Economics.
- Helen Monsch, B.S., M.A., Professor of Home Economics.
- Margaret Morehouse, B.S., Extension Instructor in Home Economics.
- Grace Evelyn Morin, M.A., Professor of Home Economics.
- Caroline Morton, B.S., M.A., Extension Assistant Professor of Home Economics.
- Alfred Lander Olsen, B.S., Instructor in Hotel Administration.
- Catherine Jane Personius, M.A., Instructor in Home Economics.
- Marion Pfund, Ph.D., Assistant Professor of Home Economics.
- Mrs. Marie Reed, R.N., Assistant in Home Economics.
- Katherine Reeves, B.A., Instructor in Home Economics.
- Mrs. Nancy McNeal Roman, Ph.B., M.A., Extension Professor of Home Economics.
- Flora Rose, B.S., M.A., D.Ped., Professor of Home Economics and Associate Director of the College.
- Rachael W. Sanders, M.S., Instructor in Home Economics.
- Margaret Stuart Scheer, B.S., Assistant Manager of the Cafeteria.
- Doris Schumaker, B.S., Acting Professor of Home Economics.
- Mrs. Alma Fincher Scidmore, Instructor in Home Economics.
- Mrs. Dorothy Barnard Scott, A.B., Assistant Professor of Home Economics.
- Ruth Jean Scott, B.S., Assistant Professor of Home Economics.
- Lillian Shaben, B.S., Extension Assistant Professor of Home Economics.
- Helen Frances Simmonds, M.S., Instructor in Home Economics.
- Mrs. Kathleen Halsted Small, Assistant Editor of Home Economics.
- Lucile Grant Smith, B.S., Extension Instructor in Floriculture and Ornamental Horticulture.
- Mrs. Ruby Green Smith, Ph.D., Associate State Leader of Home Demonstration Agents.
- Adelaide Spohn, M.S., Ph.D., Professor of Home Economics.
- Louis Toth, C.P.A., Assistant Professor of Hotel Accounting (first term).
- Allan Hosie Treman, A.B., LL.B., Instructor in Hotel Management (second term).
- Martha Van Rensselaer, A.B., D.Ped., Professor of Home Economics and Director of the College.
- Mrs. Ethel Bushnell Waring, Ph.D., Professor of Home Economics.
- Annette J. Warner, Professor of Home Economics, Emeritus.
- Jean Warren, B.S., Assistant in Home Economics.
- Mrs. Ruth Bennett White, M.S., Extension Instructor in Home Economics.
- Florence E. Wright, M.S., Extension Assistant Professor of Home Economics.
- Margaret Wylie, Ph.D., Extension Professor of Home Economics.

GENERAL INFORMATION

Home Economics was organized as a department in the New York State College of Agriculture in 1907, and by action of the Board of Trustees was made a professional School of Home Economics in 1920.

The bill to designate the School of Home Economics as the New York State College of Home Economics was signed by the Governor of New York State, the Honorable Alfred E. Smith, on February 24, 1925, and constitutes Chapter 45 of the Laws of 1925. The law provides that the College of Home Economics shall continue to be administered by Cornell University as the representative of the State Department of Education.

The College of Home Economics is now one of the three state colleges at Cornell University. It offers its students facilities for training through four academic years, and the successful completion of a four-years curriculum is recognized by the conferring of the degree of bachelor of science by Cornell University. Opportunity is also offered for graduate work.

BUILDINGS

The College of Home Economics is housed in a building provided by an act of the Legislature passed in 1911 and equipped by an appropriation subsequently granted by the Legislature. In addition, three cottages are used, two as practice houses, the third as a nursery school, in connection with the courses in child guidance.

In 1929 the Legislature passed a bill, signed by the Governor of the State, the Honorable Franklin D. Roosevelt, appropriating the sum of \$475,000 for the purpose of erecting the central section of a new building for the New York State College of Home Economics. By an act of the Legislature of 1930 and of the Governor, this amount was increased by \$510,000 to provide for the completion of the building.

PAYMENTS TO THE UNIVERSITY

TUITION

Tuition is free to undergraduate students (except those in hotel administration) pursuing regular, special, or short courses in the New York State College of Home Economics who at the beginning of the college year are, and for at least twelve months prior thereto have been, bona-fide residents of the State of New York.

Any student transferring from one college or course in the University to another, must pay for the hours of credit he receives in the latter college or course an amount corresponding to the difference in tuition; and no such transfer shall be allowed or credit given until such payment has been made.

Students in Home Economics who are not exempt under these provisions are required to pay tuition as follows:

Four-years course, except the Course in Hotel Administration	per year \$200
The Course in Hotel Administration	per year 400
Summer School in Agriculture and Home Economics...	60

The tuition fees of \$200 and \$400 are payable, respectively, in installments of \$110 and \$220 at the beginning of the first term, and \$90 and \$180 at the beginning of the second term, but a student registered only for the second term of the academic year is required to pay at the rate of the first term.

Students in the College of Home Economics who desire to take work in colleges other than Home Economics or Agriculture in excess of that required or allowed free under the rules of the College (page 16) may do so if they pay for the additional instruction at the current rate of tuition in the college in which the work is taken.

Tuition and other fees become due when the student registers. The University allows twenty days of grace after the last registration day of each term of the regular session. The last day of grace is generally printed on the registration coupon which the student is required to present at the Treasurer's office. Any student who fails to pay his tuition charges, other fees, and other indebtedness to the University, or who, if entitled to free tuition, fails to claim it at the Treasurer's office and to pay his fees and other indebtedness, within the prescribed period of grace, is thereby dropped from the University unless the Treasurer has granted him an extension of time to complete payment. The Treasurer is permitted to grant such an extension, when in his judgment, the circumstances of a particular case warrant his doing so. For any such extension the student is assessed a fee of \$5 for the first week and \$2 additional for each subsequent week in which the whole or any part of the debt remains unpaid, but the assessment in any case is not more than \$15. The assessment may be waived in any instance for reasons satisfactory to the Comptroller and the Registrar, when such reasons are set forth in a written statement.

The rules governing the rate of tuition in cases of withdrawal during the term or registration late in the term are stated in the *General Information Number*.

Any tuition or other fee may be changed by the Board of Trustees to take effect at any time without previous notice.

OTHER FEES

A **matriculation fee** of \$10 is required of every student upon entrance into the University, and is payable at the time of registration. A new undergraduate student who has made the required deposit of \$25 with the Treasurer does not make an additional payment of the matriculation fee, because the Treasurer draws on the deposit for this fee. See page 13.

An infirmary fee of \$5 a term is required, at the beginning of each term, of every student. For a statement of the privileges given in return for this fee, see the *General Information Number*.

A Willard Straight Hall membership fee of \$5 a term is required, at the beginning of each term, of every undergraduate student. Its payment entitles the student to a share in the common privileges afforded by the operation of Willard Straight Hall, subject to regulations approved by the Board of Managers of the Hall.

The fee of \$5 a term is required of all graduate students except those who are members of the instructing staff, for whom membership is optional. The use of the hall is restricted to those who have paid this fee.

A physical recreation fee is required, at the beginning of each term, of every undergraduate man and of every woman of the freshman and sophomore classes. It is \$2 a term for men students and \$1 a term for women students. Its payment entitles a man student to the use of the gymnasium and the university playgrounds, and to the use of a locker, bathing facilities, and towels, in the gymnasium, the New York State Drill Hall, or the Schoellkopf Memorial Building; and a woman student to the use of the women's gymnasium, recreation rooms, and playgrounds, and to the use of a locker.

A graduation fee is required, at least ten days before the degree is to be conferred, of every candidate for a degree. For a first, or baccalaureate, degree, the fee is \$10; for an advanced degree it is \$20. The fee will be returned if the degree is not conferred.

Laboratory fees to cover the cost of materials used by the student are charged in courses that require work in laboratory, shop, or drafting room, or field work.

Deposits are made in advance at the Treasurer's office in some courses, particularly in chemistry. Charges for materials used are entered against the deposits, and at the end of the term any balance remaining is returned to the student.

RULES GOVERNING MINOR DELINQUENCIES

Every student is held personally responsible for any injury done by him to any of the University's property.

Assessments, charged to the student's account and payable at the Treasurer's office, are levied upon the student in certain circumstances, under the following rules of the University:

A student desiring to be reinstated after being dropped from the University for delinquency in scholarship or in conduct shall first pay a fee of \$25.

A matriculated student desiring to register after the close of registration day shall first pay a fee of \$5.

A student desiring to file his registration of studies after the date set by his college for filing the same shall first pay a fee of \$2.

A student desiring to take an examination or other test for the removal of a term condition (including the making up of a mark of "absent" or "incomplete") shall first pay a fee of \$2 for each examination or other test.

A student desiring to make an appointment for the required medical examination or conference after twenty days from the last registration day of the term shall first pay a fee of \$2.

For reasons satisfactory to the proper authority, any of the above-mentioned assessments (except that levied for examination or other test to remove a condition) may be waived in any individual case if the student's failure to comply with the regulation was due to ill health or to any other reason beyond his control. Application for such a waiver should be made to the Dean of the college enrolling the student or, in the case of the medical examination, to the chairman of the Faculty Committee on Health.

RESIDENTIAL HALLS

The residential halls for women students are Sage Hall and Prudence Risley Hall, reserved for juniors and freshmen, and Balch Halls, reserved for seniors and sophomores. In these buildings the total cost of board, laundry, and rent of furnished rooms with heat and light, is \$560. The halls are heated by steam and lighted by electricity. Dormitory facilities for women are adequate, and all women are required to live in the residential buildings unless special permission, under exceptional circumstances, is granted by the Dean of Women to live elsewhere. The Dean of Women has jurisdiction over all women students in the University, and prospective students are requested to write to her for information concerning any matters in which they may need assistance.

Inquiries in regard to board and rooms in the women's halls should be addressed to the manager of Residential Halls, Morrill Hall, Ithaca, New York.

SCHOLARSHIPS, FELLOWSHIPS, AND PRIZES

THE STATE UNIVERSITY SCHOLARSHIPS

Under Chapter 292 of the Laws of 1913, as amended by Chapter 502, Laws of 1920, and Chapter 130, Laws of 1924, the State of New York maintains scholarships, five of which are awarded each county, annually for each assembly district therein. Each of these scholarships entitles the holder to \$100 for each year while he is in attendance upon an approved college in this State during a period of four years. These are called the State University Scholarships. At Cornell they are commonly known as the State Cash Scholarships, to distinguish them from the State Tuition Scholarships in this University. They are awarded by the State Commissioner of Education at Albany, to

whom application should be made for any information about the conditions of award, or for any information about the rules of administration.

THE UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

Eighteen University Undergraduate Scholarships, each continuing for two years and having an annual value of \$200, are offered each year to members of the incoming freshman class. The award is made on the basis of a special competitive examination held in Ithaca in September, between the period of the entrance examinations and the opening of the University. Every candidate for a University Undergraduate Scholarship must have satisfied in full the entrance requirements of that college of the University which he proposes to enter. See the *General Information Number* for the rules under which these scholarships are awarded.

THE DREYFUS MEMORIAL SCHOLARSHIPS

Two scholarships of an annual value of \$600 each have been established by Mrs. Berta E. Dreyfus in memory of her husband, Dr. Louis A. Dreyfus. In their award preference is given first to students coming from the high schools of Richmond County, New York, and next to those from Sandusky County, Ohio. First consideration is given to those specializing in Chemistry, Engineering, or Agriculture, or, in case of women, in Home Economics or Arts and Sciences. Application must be made to the Dean of the University Faculty before the first Wednesday of May.

THE NEW YORK STATE FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP

The New York State Federation of Women's Clubs has offered for several years a scholarship at \$200 to a student who has given evidence of scholarship and a desire to serve the interests of homemaking in New York State. Application should be filed with the College Secretary by March 1.

THE CARRIE E. BRIGDEN SCHOLARSHIP

The Carrie E. Brigden Scholarship is founded by the New York State Federation of Home Bureaus and named in honor of Mrs. Carrie E. Brigden, the first president of the Federation. Application for the scholarship may be made by those registered as undergraduate students in the New York State College of Home Economics or in other colleges giving a course in home economics leading to the degree of bachelor of science, and also by those qualified to do graduate work in home economics. The applicant must signify her intention to become a home-demonstration agent in New York State. Students of this College should file their applications with the College Secretary before March 1.

THE HOME ECONOMICS CLUB SCHOLARSHIP

The Home Economics Club Scholarship of \$100 will be awarded for the year 1931-32 to a senior student. The holder of the scholarship is selected on the basis of financial need and of outstanding ability in scholarship and leadership. Applications for the year 1932-33 should be filed in the Secretary's office before March 1, 1932. The holder of the scholarship will be selected by the scholarship committee of the faculty, cooperating with a committee of three seniors appointed by the president of the Home Economics Club and with the approval of the directors of the College. The award for the following year is announced before Commencement Day.

THE GRACE SCHERMERHORN SCHOLARSHIP

The Grace Schermerhorn Scholarship of \$100 is awarded by the Association of Home Economics Teachers of the New York City Elementary Schools to a graduate of a New York City high school studying at the New York State College of Home Economics and expecting to return to teach in New York City.

OMICRON NU SCHOLARSHIP

The Omicron Nu Scholarship of \$50 will be awarded for the year 1932-33 to a member of the sophomore class. The award will be made on the basis of scholarship, activity, and financial need. Applications must be filed in the office of the Secretary of Home Economics before March 1.

DAUGHTERS OF THE AMERICAN REVOLUTION INDIAN
SCHOLARSHIP

The New York State Conference, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This permanent scholarship is in memory of Olive S. Whitman, late wife of ex-Governor Charles S. Whitman, and has an annual value of about \$500. Applications for this scholarship must be filed at the office of the Director of Resident Instruction before February 1.

NEW ROCHELLE CHAPTER, DAUGHTERS OF THE AMERICAN
REVOLUTION, INDIAN SCHOLARSHIP

The New Rochelle Chapter, Daughters of the American Revolution, has created a four-years scholarship in the College of Home Economics for a New York Indian student. This scholarship has an annual value of about \$500. Application for this scholarship must be filed at the office of the Director of Resident Instruction before February 1.

THE MORGENTHAU FELLOWSHIP

A graduate fellowship of the amount of \$1000 is provided through the generosity of Mrs. Henry Morgenthau, Sr. The holder is to make a study of the economic opportunities open to women of rural communities and of the types of vocational training needed in relation thereto.

OTHER SCHOLARSHIPS

A description of other scholarships open under certain conditions to undergraduates in the Colleges of Agriculture and Home Economics will be found in the *General Information Number*.

PRIZES

For information concerning prizes offered in the University and open to competition of students in the College of Home Economics, see the special pamphlet on prizes, which may be obtained upon application to the Secretary of the University.

LOANS

The New York State Grange has established a loan fund to aid its members in securing a higher education. Application may be made to Mr. H. M. Stanley, Skaneateles, New York.

GRADUATED CREDIT

The passing grades are designated A, B, C, D, and P. In courses taken in the College of Home Economics, students meriting grade C receive normal credit toward graduation; Grade B, 10 per cent additional credit; Grade A, 20 per cent additional credit; Grade D, credit reduced 10 per cent; and grade P, credit reduced 20 per cent.

INFORMATION CONCERNING COURSES

Regular instruction in the College of Home Economics constitutes a course of four years, or eight terms, leading to the degree of bachelor of science. The information given in this announcement applies mainly to this course. There are separate announcements relating to the special course in hotel administration, to the graduate courses, and to the summer school.

Within the regular four-years course there is opportunity for the following specialized interests under the guidance of faculty advisers. The suggested courses for various groups are listed in the following pages. Such curricula are outlined for students who are preparing to become teachers of general home economics ; teachers of special home-economics subjects, such as foods and nutrition, or clothing ; extension workers ; dietitians in hospitals and other institutions ; institution executives ; social workers ; students specializing in Textiles and Clothing. A grouping of courses is also arranged for students in general home economics who do not wish to specialize in any phase of the subject and who do not intend to use this knowledge in professions other than that of homemaking, but who desire some understanding of the principles underlying problems of human welfare.

THE COURSE IN HOTEL ADMINISTRATION

In 1922 there was organized in the College of Home Economics, a special course in Hotel Administration. This was done at the request and with the financial aid of the American Hotel Association. While under the administration of the New York State College of Home Economics, this course is separately maintained on funds not derived from state appropriations. The requirements with regard to tuition, curriculum, and other items are necessarily different from those for other students in the College. A separate printed announcement is available.

THE APPLICATION FOR ADMISSION

Men who are candidates for admission to the regular, or four-years, course must be at least sixteen years of age ; women must be at least seventeen years of age. They must have certificates of good moral character ; and students from other colleges or universities are required to furnish from those institutions certificates of honorable dismissal. Students are admitted on examination, or on presenting acceptable credentials of the University of the State of New York, or on acceptable school certificates.

Besides satisfying the entrance requirements, candidates for admission must comply with the following rules :

1. Every candidate for admission to an undergraduate course must deposit \$25 with the University. Candidates are warned not to send cash through the mails. A check, a draft, or an order should be payable to Cornell University and should be sent to the Office of Admissions, Cornell University. The deposit must be made not later than August 1 if the candidate is to be admitted in September and not later than January 1 if he is to be admitted in February.

If the candidate matriculates, the deposit will be credited to his account, \$10 for the matriculation fee and \$15 as a guaranty fund, which every undergraduate student is required to maintain and which is to be refunded upon his graduation or permanent withdrawal, less any indebtedness to the University.

If admission is denied a candidate, the deposit is refunded in full at any time.

A candidate may withdraw the application for admission, but a charge of \$10 is regularly made for accrued expenses unless the application is withdrawn and a refund of the deposit in full is claimed before the due date, which is August 1. If an application is not withdrawn until after the due date of the college concerned, but is withdrawn before August 31, the \$10 charged for accrued expenses is deducted and \$15 of the deposit is refunded. No refund is made to an applicant who withdraws the application after August 31.

In the case of applications for admission in February, a withdrawal after January 1 incurs the regular charge of \$10, and no refund is made for withdrawal after January 31.

2. Every candidate for matriculation must submit to the Director of Admissions a satisfactory certificate of vaccination against smallpox, not later than August 1 if he is to be admitted in September, or not later than January 1 if he is to be admitted in February. It will be accepted as satisfactory only if it certifies that within the last five years a successful vaccination has been performed or three unsuccessful attempts at vaccination have been made.

3. Every candidate for admission to an undergraduate course must file with his application at the Office of Admissions either a certificate of good moral character or, if he has attended some other college or university without graduating from it, a certificate of honorable dismissal from it.

Candidates for admission must file their credentials and obtain permits for any necessary entrance examinations at the University Admissions Office, Morrill Hall. The results of examinations may be ascertained from the Director of Admissions.

ENTRANCE REQUIREMENTS FOR THE FOUR-YEARS COURSE

The subjects that may be offered for admission to the College of Home Economics are named in the following list; the figure in parenthesis following each subject indicates its value in entrance units and shows the maximum and the minimum amount of credit allowed in the subject. A unit represents five recitations a week for one year in a study.

1a. English No. 1.....	(1½)	7c. Third Year Italian.....	(1)
1b. English No. 2.....	(1½)	8a. Ancient History	(½-1)
1c. English (elective)	(1)	8b. Modern History	(½-1)
2a. First Year Greek.....	(1)	8c. American History, Civics.....	(½-1)
2b. Second Year Greek.....	(1)	8d. English History	(½-1)
2c. Third Year Greek.....	(1)	9a. Elementary Algebra	(1)
3a. First Year Latin.....	(1)	9b. Intermediate Algebra	(1)
3b. Second Year Latin.....	(1)	9c. Advanced Algebra	(½)
3c. Third Year Latin.....	(1)	9d. Plane Geometry	(1)
3d. Fourth Year Latin.....	(1)	9e. Solid Geometry	(½)
4a. First Year German.....	(1)	9f. Plane Trigonometry	(½)
4b. Second Year German.....	(1)	10. Physics	(1)
4c. Third Year German.....	(1)	11. Chemistry	(1)
4d. Fourth Year German.....	(1)	12. Physical Geography	(½-1)
5a. First Year French.....	(1)	13. Biology*	(1)
5b. Second Year French.....	(1)	14. Botany*	(½-1)
5c. Third Year French.....	(1)	14a. Zoology*	(½-1)
5d. Fourth Year French.....	(1)	15. Bookkeeping†	(½-1)
6a. First Year Spanish.....	(1)	16. Agriculture, Home Eco- nomics†	(½-4)
6b. Second Year Spanish.....	(1)	17. Drawing	(½-1)
6c. Third Year Spanish.....	(1)	18. Manual Training	(½-1)
6d. Fourth Year Spanish.....	(1)	19. Any high-school subject or subjects not already used	(½-2)
7a. First Year Italian.....	(1)		
7b. Second Year Italian	(1)		

*If an applicant has counted Biology (1), he may not also offer Botany (½) or Zoology (½).

†An applicant may offer not to exceed four units in vocational subjects under numbers 16, 18, and 19, combined. Bookkeeping may not be offered together with more than one of the subjects listed under 16, 17, and 18.

For admission to the New York State College of Home Economics, an applicant must offer either A or B, as follows:

A. Fifteen units, arranged as follows: English (3), history (1), elementary algebra (1), plane geometry (1), foreign language (3 units in one language or 2 units in each of two), elective (6 or 5). The arrangement of the schedule in college will be facilitated if physics is offered for admission.

B. The New York Academic Diploma in Homemaking with the further provision that either elementary algebra, 1 unit, and plane geometry, 1 unit, or physics, 1 unit, must be included. An applicant entering on this diploma who does not present three units of foreign language, or two units in each of two languages, must elect an equivalent amount of work in the University in one or more of the following subjects: foreign language, English, mathematics, philosophy, psychology, history, economics, political and social science.

SELECTION OF ELIGIBLE CANDIDATES FOR ADMISSION TO THE COLLEGE OF HOME ECONOMICS

Because of lack of facilities it has become necessary to limit the number of students admitted to the College of Home Economics. Information is collected regarding the applicant's scholarship and certain traits of character in order to select from among those who

have completed the formal academic requirements the persons likely to profit most by the training offered in the College. Unless there are strong counterbalancing evidences of fitness, admission will be possible only for those whose average is at or above a New York State Regents average of 75, and who are in the upper half of the graduating class in high school.

After the student has made formal application for entrance, with the University Director of Admissions, on blanks provided by that officer on request, the Committee will consider the case and advise the student of its decision, at as early a date as possible.

As the task of getting the necessary evidence is time-consuming and as the eligible list may be filled quickly, all prospective students are advised to make decisions and applications early. June 1 is set as the last day upon which formal application for admission in September may be filed and the last day upon which the \$25 deposit may be accepted.

ADMISSION WITH ADVANCED STANDING

Credit toward a degree for work done in a preparatory school on subjects that may be offered for entrance to the University will be given only to those students who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as the university courses in the subjects. An applicant desiring a college-credit examination of this kind must apply to the Director of Admissions as early as possible, and at least twenty-four hours before the first examination, specifying which fifteen units he intends to offer in satisfaction of the entrance requirements, and on what other entrance subjects he wishes to be examined for credit. In case he fails to satisfy the entrance requirements in any one or more of the units on which he proposed to enter, but passes the credit examination in any other subject or subjects, he may use the latter toward satisfying entrance requirements, but in that case he cannot also receive college credit for it. The college credit examinations will be held September 21 to 25, 1931, on the dates set for the entrance examinations in the same subjects.

The maximum amount of credit toward the degree of bachelor of science, which is allowed for the work of any one summer session, is eight hours.

A student admitted to the College of Home Economics from another college in Cornell University, or from any other institution of collegiate rank, will be regarded as having completed the number of terms and hours to which his records entitle him, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the College. In order, however, to obtain the degree of bachelor of science, he must have completed the pre-

scribed subjects in the four-years course and the requisite number of elective hours in home-economics subjects. He must also have been in residence in the College of Home Economics for his last two terms and have completed not less than fifteen hours a term, of which two-thirds, at least, must be subjects taught by the staff of the College of Home Economics.

COOPERATION WITH THE MERRILL-PALMER SCHOOL

Two seniors in home economics are selected each term on the basis of their scholarship and interest in child guidance, to attend the Merrill-Palmer School at Detroit. These seniors apply for the privilege. Application should be made before January 31 of the junior year on special blanks provided for the purpose. These blanks should be handed to the Secretary of the College, who will transmit them to the committee on appointment to the Merrill-Palmer School. Students selected may receive credit for one term's residence at Cornell and for the following courses when equivalent work is done in the Merrill-Palmer School: Family Life 101, Family Life 107, Household Management 126, electives not to exceed five hours.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE

The requirements for the degree of bachelor of science for students in the College of Home Economics include the prescribed work in the Department of Physical Education, practice in home economics, and the completion of one hundred and twenty hours of specified and elective work.

All students must satisfy the practice requirement in home economics before the beginning of their last year. This requirement is equivalent to four weeks of actual independent, housekeeping experience. In order to meet this requirement, the student must have a good working knowledge of the care and management of the house and of food preparation.

Every home-economics student, with the exception of those in hotel administration, is required to attend the four mass meetings which are scheduled for Tuesday afternoons at 4 o'clock on the following dates: October 13, 1931, December 1, 1931, March 1, 1932, and April 26, 1932.

All students in the College of Home Economics, except those in Hotel Administration, must complete one hundred and twenty hours of required and elective work in order to receive a degree of bachelor of science. Approximately one-third of the requirement is in courses specifically required, one-third in elective work in Home Economics, and one-third in elective courses in other colleges of the University. The division of hours is given in the following outline.

COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

Required basic group of courses :

	<i>Hours</i>
Freshman Orientation course	2
English	6
Biology, Botany, or Zoology*	6
Chemistry	6
Physics or Agricultural Engineering 10†.....	6 or 3
Human Physiology	3
Economics	5
Psychology (Rural Education 110, 111, Psychology 1).....	3
Sociology (Rural Social Organization 1, 121, Introduction to Sociology 50a)	3
Hygiene 1 and 2	2
	<hr/>
	42, 39, or 36

Home Economics minimum required hours (including any courses listed in this announcement on pages 25 to 35).....	40
Elective (either in Home Economics or in any other college in the University)	24
Elective (in Home Economics, Agriculture, and Veterinary Medicine)	14, 17, or 20
	<hr/>
Total	120

THE COURSES OF STUDY

The following suggested courses of study (pages 19 to 24) are intended to serve as a guide for students who wish to specialize with the intention of entering one of the professions related to the different phases of home economics. The courses of study are suggested for general teachers, special teachers of foods and clothing, extension workers, institution and clinical dietitians, social workers, and students specializing in textiles and clothing. Each of these courses of study includes the required basic group of courses. In addition, each course of study is planned to include the needed subject matter and professional courses. In all but two of the courses of study there is opportunity for electing courses in non-professional cultural fields which give more breadth and fullness to the students education. In the courses of study for extension workers and general teachers there is less opportunity for election of such courses than in the other groups, since the requirements for these professions are so extensive as to very largely exhaust the one hundred and twenty hours required for a degree. For these students a desired breadth of training could be made possible only by additional study for a term beyond the four years or in summer school. A general course of study has been planned for the student who is not specializing.

*Biology is more closely related to the field of Home Economics than is Botany or Zoology.

†Not required if Physics is offered for entrance.

In selecting the course, a student must obtain the approval of a faculty adviser, preferably in the department in which the student expects to specialize. All students who are preparing for teaching are required to consult the Department of Rural Education as well as their faculty adviser before filing their term schedules. Students interested in preparing for social-service or social-welfare work should consult the head of the Department of Rural Social Organization.

Students who do not present physics for entrance are required to take physics or Agricultural Engineering 10.

Permission to specialize will be determined by the heads of the departments concerned, in consultation with the student. Students must obtain a grade of B in all courses in the Department of Textiles and Clothing and Household Art during their freshman and sophomore years to be permitted to specialize in clothing; and in the Department of Foods and Nutrition to be permitted to specialize in foods. Students who transfer from other colleges must meet these requirements.

A student must register for at least twelve hours each term, and no new student may register for more than eighteen hours.

Regular students may take at their discretion, during their four years, not to exceed twenty-four hours of elective subjects in courses offered in other colleges than Home Economics and Agriculture; but such elective subjects shall not interfere with required or back work. Special students must take at least two-thirds of the entire work of each year from the home-economics subjects described in the following pages.

Those required courses that are given in other colleges than Home Economics are described on pages 36 to 40.

GENERAL STUDENT NOT SPECIALIZING

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Physics 3 and 4 or Agricultural En-	
English 1	6	gineering 10†	6 or 3
Biology, Botany, or Zoology.....	6	Physiology 303	3
Chemistry 101*	3	Organic Chemistry 365*	4
Chemistry 105*	3	Foods and Nutrition 9*	5
Foods and Nutrition 22.....	2	Rural Education 110	3
Household Art 1	3	Rural Social Organization 1.....	3
Family Life 100	2	Textiles and Clothing 3	2
Hygiene 1	1	Textiles and Clothing 5	3
Hygiene 2	1	Household Art 31	2
	—	Household Management 26	2
	29		—
Junior		Senior	
			33 or 30
<i>Subjects:</i>		<i>Subjects:</i>	
Economics 1	5	Foods and Nutrition 131	2
Foods and Nutrition 121	3	Household Management 126.....	4
Household Management 130.....	2		—
Family Life 125	2		—
	12		6
<i>Total hours: 80 or 77</i>			
<i>Additional elective hours: 40 or 43</i>			

EXTENSION WORKER

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Biology, Botany, or Zoology.....	6
English 1	6	Physics 3 and 4 or Agricultural En-	
Foods and Nutrition 2	10	gineering 10†	6 or 3
Foods and Nutrition 22	2	Physiology 303	3
Textiles and Clothing 3	2	Textiles and Clothing 5	3
Household Art 1	3	Textiles and Clothing 15	3
Hygiene 1	1	Household Art 31	2
Hygiene 2	1	Household Management 26	2
	—	Rural Social Organization 1	3
	27		—
			28 or 25

Foods and Nutrition 2, Science Related to Food Preparation, 10 hours freshman year, may be substituted for the courses starred () for those students who may be admitted to the course, which is limited. (See announcement.)

†Not required if Physics is offered for entrance.

Junior*Subjects:*

Biochemistry 314	3
Economics 1	5
Foods and Nutrition 122	5
Rural Education 111	4
Rural Education 116	2
Rural Education 181	3
Rural Education 135	3
Family Life 111 or Rural Social Organization 121	2 or 4
Textiles and Clothing 103	3
Extension Teaching 101	2

 32 or 34
Senior*Subjects:*

Household Art 32	2
Household Management 130	2
Household Management 126	4
Rural Education 136	3
Foods and Nutrition 131	2
Extension Teaching 15	3
Special Problems 150 (extension) ..	4
Textiles and Clothing 115	3
Family Life 101	3

 26

Total hours: 110 or 115

Additional elective hours: 5 or more.
VOCATIONAL HOME ECONOMICS TEACHER—GENERAL**Freshman***Subjects:**Hours*

Orientation	2
English 1	6
Chemistry 101	3
Chemistry 105	3
Biology, Botany, or Zoology	6
Foods and Nutrition 22	2
Textiles and Clothing 3	2
Textiles and Clothing 5	3
Household Art 1	3
Hygiene 1	1
Hygiene 2	1

 32
Sophomore*Subjects:**Hours*

Physics 3 and 4 or Agricultural En- gineering 10*	6 or 3
Organic Chemistry 365	4
Physiology 303	3
Bacteriology 2	3
Foods and Nutrition 9	5
Textiles and Clothing 15	3
Household Art 31	2
Household Management 26	2
Rural Social Organization 1	3

 31 or 28
Junior*Subjects:*

Economics 1	5
Biochemistry 314	3
Foods and Nutrition 122	5
Textiles and Clothing 103	3
Rural Education 111	4
Rural Education 116	2
Rural Education 135	3
Rural Education 181 or Educa- tion 2	3
Family Life 101	3

 31
Senior*Subjects:*

Household Art 32	2
Household Management 130	2
Household Management 126	4
Rural Education 136	3
Textiles and Clothing 115	3
Foods and Nutrition 131	2
Education 13	3

 19

Total hours: 113 or 110

Additional elective hours: 7 or 10

 *Not required if Physics is offered for entrance.

VOCATIONAL HOME ECONOMICS TEACHER—CLOTHING

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Physics 3 and 4 or Agricultural En-	
English 1	6	gineering 10†	6 or 3
Chemistry 101*	3	Physiology 303	3
Chemistry 105*	3	Textiles and Clothing 15.....	3
Biology, Botany, or Zoology.....	6	Household Art 31	2
Foods and Nutrition 22	2	Household Management 26.....	2
Textiles and Clothing 3	2	Rural Social Organization 1	3
Textiles and Clothing 5	3		
Household Art 1	3		
Hygiene 1	1		
Hygiene 2	1		
	<hr/>		<hr/>
	32		19 or 16
Junior		Senior	
<i>Subjects:</i>		<i>Subjects:</i>	
Economics 1	5	Household Art 32	2
Textiles and Clothing 103	3	Household Management 130	2
Rural Education 111	4	Household Management 126	4
Rural Education 116	2	Rural Education 136	3
Rural Education 135	3	Textiles and Clothing 115	3
Rural Education 181 or Educa-		Foods and Nutrition 131	2
tion 2	3	Education 13	3
Family Life 101	3		<hr/>
	<hr/>		
	23		19
<i>Total hours: 93 or 90</i>			
<i>Additional elective hours: 27 or 30</i>			

VOCATIONAL HOME ECONOMICS TEACHER—FOODS

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Physics 3 and 4 or Agricultural En-	
English 1	6	gineering 10†	6 or 3
Chemistry 101	3	Organic Chemistry 365 (with labo-	
Chemistry 105	3	ratory)	5
Biology, Botany, or Zoology.....	6	Physiology 303	3
Foods and Nutrition 22	2	Bacteriology 2	3
Textiles and Clothing 3	2	Foods and Nutrition 9	5
Textiles and Clothing 5	3	Household Art 31	2
Household Art 1	3	Household Management 26	2
Hygiene 1	1	Rural Social Organization 1	3
Hygiene 2	1		
	<hr/>		<hr/>
	32		29 or 26

Foods and Nutrition 2, Science Related to Food Preparation, 10 hours freshman year, may be substituted for the courses starred () for those students who may be admitted to the course, which is limited. (See announcement.)

†Not required if Physics is offered for entrance.

Junior*Subjects:*

Economics 1	5
Biochemistry 314	3
Biochemistry 314a	2
Foods and Nutrition 122	5
Rural Education 111	4
Rural Education 116	2
Rural Education 135	3
Rural Education 181 or Education 2	3
Family Life 101	3

30

*Total hours: 110 or 107**Additional elective hours: 10 or 13***Senior***Subjects:*

Household Art 32	2
Household Management 130	2
Household Management 126	4
Foods and Nutrition 109	3
Foods and Nutrition 131	2
Rural Education 136	3
Education 13	3

19

DIETITIAN—CLINICAL AND LABORATORY**Freshman***Subjects:**Hours*

Orientation	2
English 1	6
Chemistry 101	3
Chemistry 105	3
Chemistry 210*	3
Chemistry 225*	3
Biology, Botany, or Zoology.....	6
Foods and Nutrition 22	2
Household Art 1	3
Family Life 100	2
Hygiene 1	1
Hygiene 2	1

35

Junior*Subjects:*

Economics 1	5
Biochemistry 314	3
Biochemistry 314a	2
Foods and Nutrition 122	5
Household Management 130	2

17

*Total hours: 89 or 86**Additional elective hours: 31 or 34***Sophomore***Subjects:**Hours*

Physics 3 and 4 or Agricultural Engineering 10†	6 or 3
Organic Chemistry 365 (with laboratory)	5
Physiology 303	3
Bacteriology 2	3
Foods and Nutrition 9	5
Household Management 26	2
Rural Social Organization 1	3
Rural Education 110	3

30 or 27

Senior*Subjects:*

Household Management 126	4
Foods and Nutrition 124	2
Foods and Nutrition 131	1

7

*May be taken later. See prerequisite for course.

†Not required if Physics is offered for entrance.

DIETITIAN—MANAGERIAL

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Physics 3 and 4 or Agricultural En-	
English I	6	gineering 10*	6 or 3
Chemistry 101	3	Organic Chemistry 365	4
Chemistry 105	3	Physiology 303	3
Biology, Botany, or Zoology.....	6	Bacteriology 2	3
Foods and Nutrition 22	2	Foods and Nutrition 9	5
Household Art I	3	Household Management 26	2
Family Life 100	2	Rural Social Organization I	3
Hygiene I	1	Rural Education 110	3
Hygiene 2	1		
	—		—
	29		29 or 26
Junior		Senior	
<i>Subjects:</i>		<i>Subjects:</i>	
Economics I	5	Household Management 126	4
Biochemistry 314	3	Foods and Nutrition 109	3
Foods and Nutrition 122	5	Foods and Nutrition 124 (if Hos-	
Household Management 130	2	pital Managerial)	2
Institution Management 101	3	Foods and Nutrition 131	1
Institution Management 111	3	Institution Management 102	2
	—	Institution Management 112	3
	21		—
			15

Total hours: 94 or 91
Additional elective hours: 26 or 29

STUDENTS SPECIALIZING IN TEXTILES AND CLOTHING

Freshman		Sophomore	
<i>Subjects:</i>	<i>Hours</i>	<i>Subjects:</i>	<i>Hours</i>
Orientation	2	Physics 3 and 4 or Agricultural En-	
English I	6	gineering 10*	6 or 3
Biology, Botany, or Zoology.....	6	Physiology 303	3
Chemistry 101	3	Rural Social Organization I.....	3
Chemistry 105	3	Textiles and Clothing 5	3
Foods and Nutrition 22	2	Textiles and Clothing 15	3
Textiles and Clothing 3	2	Household Art 25	2
Household Art I	3	Household Art 31	2
Family Life 100.....	2	Household Management 26	2
Hygiene I	1		
Hygiene 2	1		
	—		—
	31		24 or 21

*Not required if Physics is offered for entrance.

Junior		Senior	
<i>Subjects:</i>		<i>Subjects:</i>	
Economics 1	5	Foods and Nutrition 131	1
Rural Education 110 or Psychology 1	3	Household Management 126	4
Textiles and Clothing 20	2	Foods and Nutrition 121	3
Textiles and Clothing 103	3	Textiles and Clothing 10	2
Household Art 6	2	Textiles and Clothing 55	2
Household Art 16	2	Textiles and Clothing 115	3 or 5
Household Management 130	2	Textiles and Clothing 130 (Not given in 1931-32)	2
Family Life 100	2		
	19		17 or 19

Total hours: 88 or more

Additional elective hours: 29 or more.

SOCIAL WORKER

Freshman		Sophomore	
<i>Subjects:</i>		<i>Subjects:</i>	
Orientation	2	Physics 3 and 4 or Agricultural Engineering 10†	6 or 3
English 1	6	Organic Chemistry 365*	4
Chemistry 101*	3	Physiology 303	3
Chemistry 105*	3	Foods and Nutrition 9*	5
Biology, Botany, or Zoology*	6	Textiles and Clothing 3	2
Foods and Nutrition 22	2	Household Management 26	2
Household Art 1	3	Family Life 125	2
Family Life 100	2	Rural Social Organization 121	4
Rural Social Organization 1	3	Rural Social Organization 122	3
Hygiene 1	1		
Hygiene 2	1		
	32		31 or 28
Junior		Senior	
<i>Subjects:</i>		<i>Subjects:</i>	
Economics 1	5	Foods and Nutrition 131	2
Foods and Nutrition 121	3	Textiles and Clothing 10	2
Household Management 130	2	Household Management 126	4
Rural Education 11	4	Family Life 101	3
Rural Education 116	2	Family Life 107	3
Rural Social Organization 12	3	Education 7	3
Rural Social Organization 123†	2	Rural Social Organization 123†	4
Philosophy or Ethics		Social Psychology	
	21		21

Total hours: 105 or 102

Additional elective hours: 15 or 18

Foods and Nutrition 2, Science Related to Food Preparation, 10 hours freshman year may be substituted for the courses starred () for those students who may be admitted to the course, which is limited. (See announcement.)

†Not required if Physics is offered for entrance.

‡Field work with approved social agencies, during the summer before the junior or senior year, may be substituted for these courses, but without University credit.

DIVISIONS OF INSTRUCTION

WITH DESCRIPTION OF COURSES

The first term begins with the opening of the college year, in September. The second term begins in February. (See calendar, page 2.)

Unless otherwise noted, all courses are given in the building of the College of Home Economics.

Orientation. First and second terms. Credit two hours. Required of all freshmen in home economics. Advised for all entering students. Lectures, T Th 10. Home Economics Building 245. Professor ROSE, Acting Professor SCHUMAKER, participating members of the staff, and upperclass students.

This course aims to help the student to find herself in the environment of the College and of the University. Fee, \$1 a term.

FOODS AND NUTRITION

2. Science Related to Food Preparation. First and second terms. Credit five hours a term. Open to freshmen and sophomores. Limited to eighty students. Lectures, M W F 8, Room 245. Laboratory: first term, M W 11-12.50, 1.40-3.30, T Th 8-9.50, 11-12.50, 1.40-3.30; second term, M W 10.30-12.50, 1.40-4, T Th 8-10.20, 10.30-12.50, 1.40-4; Rooms 200 and 205. Assistant Professor PFUND and Misses Personius and Macloon.

Opportunity for further experience in laboratory work under the direction of an instructor, is given to students who have not had sufficient previous preparation. Laboratory fee, \$20 a term.

9. Food Preparation: Principles and Comparative Methods. First or second term. Credit five hours a term. First term primarily for juniors and seniors; second term for sophomores only. Must be preceded or accompanied by organic chemistry. Lectures, M W F 10, Room 245. Practice: first term, T Th 1.40-4; second term, M F 1.40-4 or T Th 1.40-4; Room 270. Assistant Professor FENTON.

The lectures in this course include a discussion of foods and the fundamental principles of cookery. The laboratory practice consists in a study of food preparation. The course is intended to establish a knowledge of foods and their preparation as based on the present conception of the physical and chemical reactions involved. Laboratory fee, \$18.

[15. **Food Preparation.** First or second term. Credit three hours. Required of students registering in hotel administration.] Not given in 1931-32.

This course acquaints the student with the underlying principles of the various ways of cooking typical foods. Detailed attention is given to manipulation and to economy in the use of time and of materials. Standards in preparation and serving are emphasized. Laboratory fee, \$15.

17. Food Preparation, Advanced Course. First or second term. Credit three hours. Required of students registering in hotel administration. Prerequisite, Foods 15 or its equivalent. Lecture, first term, M 12, Room 245; second term, Room 100. Practice: first term, T Th 8-10.20, T Th 10.30-12.50; second term, T Th 8-10.20, T Th 10.30-12.50; Room 205. Assistant Professor BOYS.

This course gives the student a more extensive knowledge of the preparation of foods. Attention is given particularly to those foods usually served in hotels and in high-class restaurants. Laboratory fee, \$18.

[18. **Food Selection: Dietetics, Elementary Course.** First or second term. Credit one hour. Elective for students in hotel management. Miss ————.] Not given in 1931-32.

22. Food Selection: Dietetics, Introductory Course. First or second term. Credit two hours. This course or its equivalent is advised for all home-economics students, and should be taken in the freshman year. Lectures and discussions, M W 10. Room 100. Assistant Professor BRUCHER and participating upper-class students.

This course aims to give a background of information about nutrition and to develop attitudes and interests which bring about good habits of food selection. Fee for materials, \$1.50.

109. Food Preparation, Advanced Course. First or second term. Credit three hours. Open to juniors and seniors. Prerequisite, Foods 9 or its equivalent. First term: lecture, M 10, Room 310; practice, M W 1.40-4, Room 205. Second term: lecture, M 9, Room 245; practice, M W 1.40-4, Room 205. Assistant Professor BOYS.

This course gives the student an understanding of the history and development of methods of cookery, with a brief survey of the food habits of those nationalities represented in this country. Practice and demonstrations are given to develop appreciation of the variety of methods of food preparation. Laboratory fee, \$15.

111. Meal Planning and Preparation. First term. Credit four hours. Should be taken in the junior or senior year. Limited to sixteen students. Lectures and discussions, T Th 11. Room 245. Practice, M F 1.40-4. Room 270. Assistant Professor FENTON.

This is an advanced course in meal planning, marketing, and the preparation and serving of food. Fundamental scientific principles and practices developed in previous courses are reviewed, supplemented, interrelated, and applied to typical situations. Laboratory fee, \$20.

121. Food Selection: Nutrition and Dietetics. First term. Credit three hours. Lectures and discussions, M W F 12. Room 100. Assistant Professor BRUCHER.

This course is designed primarily for students following the courses of study in clothing, art, and social work. It includes the simpler aspects of the subject matter contained in Nutrition and Dietetics 122 but does not presuppose the science background which is prerequisite for that course. Fee for materials, \$5.

122. Food Selection: Nutrition and Dietetics. First or second term. Credit five hours. Should be taken in the junior year. Prerequisite, Foods 9 and Chemistry 365 or the equivalent; prerequisite or parallel, Biochemistry 314. Lectures and discussions, T Th 9, Room 100. Practice: first term, W F 8-10.20, W F 1.40-4; Room 200. Practice: second term, W F 8-10.20, Room 200; W F 1.40-4, Room 270. Professor HENRY.

A study of the body's need for the different foodstuffs, of the value of the different food groups, how to include these foods in order to make adequate diets; quantitative standards of certain foodstuffs, with practical methods of measuring them in the diet; normal digestion; principles determining methods of feeding in certain common digestive disorders; economical expenditure of money for food. Laboratory fee, \$10.

124. Food Selection in Relation to the Treatment of Disease. Second term. Credit two hours. Open to seniors and graduate students. Limited to twenty students. Advised for those specializing in hospital dietetics. Prerequisite, Foods 122. Discussion period, Th 2-4, Rooms 100 and 205. Professor HENRY.

This course consists of a study of diet in those diseases in which choice of food is an important factor of treatment. Fee for materials, \$3.

131. Nutrition of Children. First or second term. Credit, one, two, three, or four hours, which may all be taken in one term or in two consecutive terms. Open to juniors, seniors, and graduate students. Two hours advised for teachers: one hour advised for all students. Prerequisite, Foods 121 or 122. Conference period, M 2-4, Room 100. Practice: Infant Feeding, Th 1.40-4, one section; School

Feeding, W 1.40-4, one section; Pre-School Feeding, T 10.30-12.50, one section, Th 10.30-12.50, one section. Infant Feeding section limited to sixteen students. School Feeding section limited to ten students. Pre-School section limited to six in each section. Professor MONSCH and Miss SANDERS.

This course gives special consideration to the feeding of infants and children in health and in disease. For those preparing to teach, special laboratories are planned with the children in the public schools, and opportunities for home visiting and for work with infants and pre-school children are arranged for all. Fee, \$5 for each laboratory credit hour.

222. Nutrition, Advanced Course. First term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Professor SPOHN.

A critical study of recent advances in foods and nutrition. The purpose of the course is to acquaint students with the methods and results of recent investigations in the field.

223. Laboratory Methods in Nutrition. First term. Credit five hours. For graduate students with training satisfactory to the instructor. Limited to ten students. Laboratory work at least ten hours. Professor SPOHN.

An introduction to methods of investigation in foods and nutrition. Opportunity is offered for the study of methods used in feeding experiments with small animals. Laboratory fee, \$20.

224. Human Calorimetry. Second term. Credit two hours. Primarily for graduate students, but open to seniors with the permission of the instructor. Class limited to six students. Professor SPOHN.

The laboratory work in this course consists of energy metabolism determinations using the Benedict portable respiration apparatus. Laboratory fee, \$5.

229. Research in Foods and Nutrition. Throughout the year. For graduate students with training satisfactory to the instructor. Hours to be arranged. Professor SPOHN and Assistant Professor PFUND.

This course offers opportunity for individual research in animal nutrition, human nutrition, and metabolism, food chemistry, and chemical changes taking place in the process of food preparation. Laboratory fee, \$25.

230. Seminary in Nutrition. First term. Credit two hours. Required of graduate students specializing in Nutrition. Professor SPOHN.

231. Seminary in Foods. Second term. Credit two hours. Required of graduate students specializing in Foods. Assistant Professor PFUND.

TEXTILES AND CLOTHING

3. Clothing Selection: Color and Design. First or second term. Credit two hours. This course is required for teachers and extension workers. First term: lecture, T 11, Room 100; practice, Th 11-1, Room 310. Lecture, W 9; practice, F 9-11; Room 310. Lecture, W 12, Room 245; practice, F 11-1, Room 300. Second term: lecture, W 12, two sections; practice, F 11-1, two sections; Rooms 300 and 310. Professor BLACKMORE, Extension Assistant Professor CARNEY, and Miss SIMMONDS.

Selection, design, and cost of clothing suitable for the student's own needs are taught through the analysis of garments and fashion sketches. Color harmony is developed through the use of texture combinations and discussions of the influencing factors in the student's personal coloring. The hygiene of clothing is studied with reference to present-day needs. Students provide all materials, subject to the approval of the instructor. Estimated cost of materials, \$3. Laboratory fee, \$5.

5. Clothing Selection: Textiles and Construction. Advised first or second term freshman year or first term sophomore year. Credit three hours. Prerequisite or parallel, Clothing 3 or its equivalent. This course is required for

teachers and extension workers. First term: lecture, M 9, Rooms 300 and 310. Practice, T Th 8-10, Room 300; T Th 11-12.50, two sections, Rooms 300 and 305. Second term: Section 1: lecture, T 10, Rooms 300 and 310. Practice: M W 2-4, T Th 8-10, T Th 11-12.50, Room 300. Section 2: lecture, T 11, Room 310; practice, F 2-4, S 8-10, Room 300; only for students who cannot possibly arrange their schedule to enroll in section 1. Assistant Professor R. J. SCOTT, Mrs. BETTEN, and Miss SIMMONDS.

This course emphasizes the selection and the construction of clothing and the economical and appropriate selection of textiles. Each garment constructed is studied with reference to its cost, appropriateness, and place in the wardrobe. Laboratory practice includes hand and machine sewing suitable to the garments constructed. Commercial patterns are used in designing and cutting garments. Students provide all dress materials, subject to the approval of the instructors. Estimated cost of materials, from \$15 to \$25. Laboratory fee, \$5.

7. Technique of Clothing Construction. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 3 and 5 or their equivalents. Practice: first term, W F 8-10; second term, M W 8-10; Room 300. Mrs. BETTEN.

The application of design to dressmaking and the technique of dress construction is emphasized. Laboratory practice includes the detailed construction of garments, one of which is an assigned problem. This course is adapted to meet the needs of students who have special problems. Students must consult the head of the Department of Textiles and Clothing and receive her approval before registering for this course. Students provide all material, subject to the approval of the instructors. Estimated cost of materials, \$20. Laboratory fee, \$5.

8. Dressmaking, Survey Course. First or second term. Credit two hours. Practice: first term, M W 2-4; second term, T Th 2-4, Room 300. Mrs. BETTEN.

This course is adapted to meet the needs of students in other colleges who desire a general knowledge of clothing selection, design, and construction. Laboratory practice includes machine sewing, the use of commercial patterns, and the modeling of patterns. Students provide all dress materials, subject to the approval of the instructor. Estimated cost of dress materials, from \$15 to \$25. Laboratory fee, \$5.

10. Clothing for Children. First or second term. Credit two hours. Prerequisite, Clothing 3 or its equivalent. Practice: first term, W F 11-12.50; second term, W F 11-12.50; Room 305. Assistant Professor R. J. SCOTT.

Principles underlying selection, care, construction, and alteration of clothing for children, with consideration of the child's need for activity, his comfort and well-being, his preferences in color, texture, and design, and his capacities for independent habits in dressing himself.

A critical study is made of available footwear and ready-made garments for children. Estimated cost of materials, \$5. Laboratory fee, \$5.

15. Clothing Design. (Same as Household Art 15.) First or second term. Credit three hours. Should be taken in the sophomore year or the first term of the junior year. Prerequisite, Clothing 3 and 5, and Household Art 1. First term: lecture, M 11; practice, T Th 8-10, T Th 2-4; Room 305. Second term: lecture, F 9; practice, M W 8-10; T Th 8-10; Room 305. Assistant Professors R. J. SCOTT, ERWAY, and CARNEY.

This course includes costume designing and modeling on the dress form. A study of the economics of clothing in relation to the students' own wardrobes is made. The course provides as much experimentation as possible in order to develop creativeness and provides a broad background of experience in judging, comparing and evaluating designs and color schemes in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

20. Clothing Selection: Millinery. First or second term. Credit two hours. Prerequisite, Clothing 3 and 5, or 7, or their equivalents, and Household Art 1. Practice: first term, M W 2-4; second term, M W 11-12.50, M W 2-4; Room 310. Miss SIMMONDS.

This course deals with the selection and the adaptation of millinery with reference to the individual woman and to her costume. The course develops the fundamental processes in millinery construction. The millinery mode is studied and models are made following the suggestions gained from this study. Emphasis is placed on the selection of hats from the standpoint of suitability and becomingness to the wearer. Students provide all hat materials, subject to the approval of the instructor. Estimated cost of materials, from \$10 to \$15. Laboratory fee, \$5.

51. Hotel Textiles. First or second term. Credit two hours. First term: lecture, T 8; practice, Th 2-4; Room 310. Second term: lecture, W 8, Room 310; practice, F 2-4, Room 305. Professor BLACKMORE.

This course includes a study of fabrics used in hotels, their selection, use, and distribution. Estimated cost of materials, \$3. Laboratory fee, \$5.

55. Household Textiles, Selection and Care. Second term. Credit two hours. Elective for juniors and seniors. Prerequisite, Textiles and Clothing 5. Lecture, T 11; practice, Th 11-12.50; Room 305. Professor BLACKMORE.

This course includes a study of the selection, use, and care of textile fabrics used in the home. Laboratory fee, \$5.

103. Clothing Problems: A Summary Course Including Shop Practice. First or second term. Credit three hours. Should be taken by juniors. Required of teachers and extension students. Prerequisite, Clothing 3, 5, and 15, or their equivalents, and Household Art 1. First term: lecture, F 9, Caldwell 143; practice M W 2-4, M W 8-10; Room 305. Second term: lecture F 2, Room 245; practice, M W 2-4, Room 305. Assistant Professors R. J. SCOTT and CARNEY, Mrs. McILROY, and Misses BROOKINS and ———.

This course rounds out the subject of clothing selection, relating each phase to the problem as a whole, and provides for a study of certain human relationships involved, such as psychology of clothing, clothing and family relations, clothing and mental hygiene, and consumer ethics. Laboratory problems are planned in part on the basis of individual need. An independent home problem, a remodeling problem, and the making of a dress for a high-school girl, are required of all students. Students provide all materials, except those used for garments for high-school students, subject to the approval of the instructors. One laboratory period each week is spent in the Costume Shop. Estimated cost of materials, \$20. Laboratory fee, \$5.

115. Commercial Clothing Construction. First or second term. Credit three, four, or five hours. Not less than three hours may be taken by students registering in this course for the first time. Prerequisite, Clothing 3, 5, 15, and 103, and Household Art 1. Conference hour, by arrangement. Laboratory practice, by arrangement at time of registration. Costume Shop. Mrs. McILROY and Miss BROOKINS.

Students are directed by instructors experienced in commercial work. Dress-making problems in designing, construction, fitting, and finishing are considered. A shop with paid workers is maintained, and the students are given experience in meeting customers, in shopping, and in shop organization. Students specializing in clothing are given an opportunity to make a trip to New York City, to visit shops and openings, the second week in March, if six students register for the trip. Probable cost of trip, from \$50 to \$75. Laboratory fee, \$1 for each credit hour taken.

120. Clothing Problems. First or second term. Credit two hours. Prerequisite, Textiles and Clothing 103, or its equivalent; prerequisite or parallel, Rural Education 135, or its equivalent. Practice: first term, T Th 2-4, Room 300; second term, T Th 2-4, Room 305. Extension Assistant Professor CARNEY and other members of the Textiles and Clothing staff.

This course includes the evaluation and organization of the subject matter in clothing (economics, art, hygiene, ethics, and construction) from the point of view of the teacher of homemaking. A study of available sources of illustrative

material and literature will be made. Working out materials for the use in teaching construction processes and clothing selection and organizing materials for special problems as suggested by students will be included. Students provide all materials, subject to the approval of the instructor. Estimated cost of materials, \$5. Laboratory fee, \$5.

[130. **Constructive Costume Design.** First or second term. Credit two hours. Prerequisite, Textiles and Clothing 3, 5, and 15, and Household Art 1. Assistant Professor R. J. SCOTT.] Not given in 1931-32.

This course applies the principles of color and design to the designing and modeling of clothing. Preliminary sketches are made in pencil and are carried out by means of modeling on the dress form. Garments are completely finished for criticism. Publications which deal with the designing of clothes are studied and evaluated in relation to their use to clothing teachers, commercial workers, or other clothing specialists. Students provide all materials, subject to the approval of the instructor. Laboratory fee, \$5.

HOUSEHOLD ART

1. **Color and Design.** First or second term. Credit three hours. Should be taken in the freshman year. Advised for all students in home economics. First term: lecture F 10, East Roberts 222; practice, M W 8-10, M W 1.40-3.30, T Th 11-12.50, W F 11-12.50, Room 415. Second term: lecture, F 10, Caldwell 143; practice, T Th 8-10, W F 8-10, W F 11-12.50, Room 415. Assistant Professors ERWAY and D. B. SCOTT.

A course intended to give the student an understanding of the elementary principles of color and design. The work includes experiments with water colors, dyes, and fabrics. Practical applications are made to problems in everyday life. Estimated cost of material, from \$7 to \$10. Laboratory fee, \$5.

6. **Color and Design.** Second term. Credit two hours. Prerequisite, Household Art 1 and 31. Practice, T Th 11-12.50, Room 415. Assistant Professor ERWAY.

This course is open to students who have talent or a special inclination to continue the work in design. The nature of the problems is determined by the needs of the students and by the possibilities for practical application that may develop. Laboratory fee, \$5.

15. **Clothing Design.** (Same as Textiles and Clothing 15.) First or second term. Credit three hours. Should be taken in the sophomore year or the first term of the junior year. Prerequisite, Clothing 3 and 5, and Household Art 1. First term: lecture M 11; practice, T Th 8-10, T Th 2-4; Room 305. Second term: lecture, F 9; practice, M W 8-10, T Th 8-10; Room 305. Assistant Professors R. J. SCOTT, ERWAY, and CARNEY.

This course includes costume designing and modeling on the dress form. A study of the economics of clothing in relation to the students' own wardrobes is made. The course provides as much experimentation as possible in order to develop creativeness and provide a broad background of experience in judging, comparing, and evaluating designs and color schemes in relation to individual needs. Estimated cost of materials, \$10. Laboratory fee, \$5.

16. **Costume Design.** Second term. Credit two hours. Prerequisite, Household Art 15. Practice, M F 11-1. Room 400. Assistant Professor ERWAY.

A course offering opportunity for wider experience in using color and line in costuming. Problems are applicable to costumes for individual needs as well as to costumes for pageantry. Mediums used, adapted to the problem, may range from pencil sketching to working with textiles. Laboratory fee, \$5.

[25. **House Planning.** First term. Credit two hours. Professor MORIN and Mrs. SCIDMORE.] Not given in 1931-32.

A study of the arrangement of dwellings from the standpoint of economy, convenience, and design. Laboratory fee, \$2.

31. Elementary Home Decoration and Furnishing. First or second term. Credit two hours. For teachers. Should be taken in the junior year. Prerequisite, Household Art 1. Limited to twenty students. First term: lecture, T 12, Room 400; practice, T 1.40-4, Room 415. Lecture, Th 12, Room 400; practice, Th 1.40-4, Room 415. Second term: lecture, T 12, Room 400; practice, T 1.40-4, Room 415. Professor MORIN and Mrs. SCIDMORE.

A course dealing primarily with the decoration and furnishing of the house. The object of the work is to develop good judgment and taste in the selection and arrangement of house furnishing, to the end that students may learn to express themselves in their environment. Laboratory fee, \$5.

32. Home Decoration and Furnishing. First or second term. Credit two hours. For teachers. Should be taken in the senior year. Prerequisite, Household Art 1 and 31. Limited to sixteen students. First term: lecture, F 12, Room 400; practice, F 1.40-4, Room 415. Second term: lecture, W 12, Room 400; practice, W 1.40-4, Room 415. Professor MORIN and Mrs. SCIDMORE.

A continuation of Household Art 31. Special student problems. For those taking the general teachers' course, furnishing problems relating to school and community life are emphasized. Laboratory fee, \$5.

35. Hotel Decoration and Furnishing. Second term. Credit two hours. Open to students registering in hotel administration. Should be taken in the junior year. Limited to twenty students. Lecture, Th 12, Room 400. Practice, Th 1.40-4, Room 415. Professor MORIN and Mrs. SCIDMORE.

A course dealing with the essentials of decoration and furnishing applied to problems in the hotel industry. In connection with this course a trip to Syracuse or other near-by cities is required of every member of the class. Laboratory fee, \$5.

HOUSEHOLD MANAGEMENT

6. Introduction to the Study of Family and Home Problems. Second term. Credit one hour. For freshmen. Lecture, F 10, Room 310. Professor MONROE.

A consideration of families of this country, their number, size, where they live, their probable levels of living, and something as to their homes. The aim of this course is to furnish background for a study of home economics and a better understanding of the problems of homemakers by broadening the knowledge of students concerning the ways in which families are living. Fee for materials, \$1.

26. The Household Buyer and the Market. First or second term. Credit two hours. Primarily for sophomores. Limited to thirty students. Lectures: first term, M W 8, Plant Science 141; second term, Home Economics 100. Professor MONROE.

A study of problems facing the household buyer in the modern market. The organization of the marketing system, the different types of retail agencies, the legal protection of the buyer, the services of the market, and the needs for its improvement from the consumer's standpoint are discussed. Fee for materials, \$2.50.

126. Home Practice, Laboratory Course. First or second term. Credit four hours. Advised for all seniors in home economics, except those in hotel management. Practice consists of five consecutive weeks in the practice house, time to be arranged. Should be taken by prospective teachers, together with Clothing 115 and Rural Education 136. Should be taken by prospective institution managers with Institution Management 111. Lecture, S 11, Room 245. Misses PERSONIUS and JONES.

This course furnishes an opportunity for the student to test her ability to apply theoretical knowledge in solving household problems and to receive instruction in infant care and feeding. Laboratory fee, \$35 including room and board for five weeks in the practice house.

130. Family Income and Expenditure. First or second term. Credit two hours. Open to juniors and seniors. Lectures, T Th 9. Room 245. Professor CANON.

A study of family incomes and expenditures in relation to the national income, to private and public enterprise, and to the economic and social life of the family. Fee for materials, \$2.50.

Household Bacteriology. See Bacteriology 2.

Household Mechanics. See Agricultural Engineering 10.

250. Economic Problems of the Household. Throughout the year. Credit two hours a term. Primarily for graduate students. Hours to be arranged. First term, Professor MONROE; second term, Professor CANON.

A study of problems in the field of economics of the household, including those of income and expenditure, production, and consumption. Attention is given to defining problems and to reviewing information available concerning them.

260. The Marketing System and the Consumer. Second term. Credit three hours. Primarily for graduate students. Lectures, T Th 8. Room 310. Professor MONROE.

This course includes an analysis of the structure of markets and a study of market functions and functionaries from the standpoint of their relation to the household. An attempt is made to give the student a basis for evaluating the present-day market as a means of meeting the needs and desires of consumers. The effects of the market upon consumption and of consumers' demands and attitudes upon the market are considered, as is also the problem of social control, or the regulation of markets in the interests of consumers.

INSTITUTION MANAGEMENT

101. Institution Practice. First or second term. Credit three hours. Advised for all students specializing in institution management or dietetics. Should be taken in the junior year. Cannot be taken with Household Management 126. Class limited to eighteen students, two divisions of nine each. Lecture and discussion, S 8. Room 100. Practice, M W F 11.20-1.20, T Th S 11.20-1.20. Cafeteria. Mrs. MERRELL.

Discussion of types of institutions, menus, service, and office. Practice work in counter service and supply, office and storeroom work.

102. Institution Management. Second term. Credit two hours. Must be taken in the senior year. Advised for all students specializing in institution management or in dietetics. Prerequisite, Institution Management 101. Lectures and discussions, T 2-4. Room 100. Assistant Professor HARRIS.

A study of management problems, such as organization, labor, the physical plant, equipment, and administration.

111. Food Selection and Purchase for the Institution. First or second term. Credit three hours. Preferably taken in the junior year. Primarily for students specializing in institution management; others by special permission. Class limited to twenty students. Lectures and discussions, M 11, S 9-11. Room 100. Assistant Professor HARRIS.

Discussion of problems of production, sources, grading, and distribution of the various classes of foods, bases of selection, methods of purchase, and storage.

112. Institutional Cookery. First or second term. Credit three hours. Should be taken in the senior year. Cannot be taken with Household Management 126. Advised for all students specializing in institution management or dietetics. Prerequisite, Institution Management 101. Class limited to fourteen students. Practice, W F 8-12. Cafeteria. Miss BETTEN.

Laboratory work in large-quantity cooking in cafeteria kitchen, with discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Laboratory fee, \$15.

115. Hotel Cookery. First or second term. Credit three hours. Required of students in hotel administration. Registration limited to fourteen students. Prerequisite, Foods and Nutrition 17. Practice, T Th 8-12, Cafeteria. Mrs. MERRELL.

Laboratories consist of actual large-quantity cooking in the cafeteria kitchen, the preparation, on a commercial basis, of meals for several hundred patrons. The laboratories are supplemented by discussion and explanation periods to provide an opportunity to review principles and discuss procedures. Laboratory fee, \$15.

HOTEL ACCOUNTING

85. Tea Room and Cafeteria Accounting. Second term. Credit one hour. Limited to sixteen students. For institution-management students only. Not open to those who have credit in general accounting courses. Practice, M 8-10.20. Dairy Building 412. Messrs. COURTNEY and OLSEN.

An elementary course in simple accounting, using as illustrative material the accounting records of the cafeteria and the tea room. Cash and credit transactions, check-book and deposit records, journal and ledger entries. Trial balances, profit and loss statements, and balance sheets.

FAMILY LIFE

[**111. The Family.** First term. Credit two hours. For seniors, and others by permission. Professor VAN RENSSLAER.] Not given in 1931-32.

This course embraces a study of modern social and economic problems of the family. It treats of survivals of various characteristics governing family life; the work of women and their industrial and economic conditions are studied with reference to the home and to society.

100. Orientation in Child Development. First or second term. Credit two or three hours. Open to freshmen for two-hours credit. For graduate and advanced students, three-hours credit. Lecture-discussion: first term, W F 8; second term, T Th 8; Room 100. One hour of observation weekly in the Nursery School or in the practice houses or in homes where there are young children. Programs to be checked with instructor during registration. Laboratory to be arranged after the first lecture period. Professor FOWLER, and Misses REEVES and METCALF.

This course undertakes to give some of the fundamental principles involved in child development and some insight into those most obvious factors that affect his growth. The object is to promote through observation and discussion some understanding of child needs and of child-child and child-adult relationships. Laboratory fee, \$3.

101. Principles in Child Guidance, Elementary Course. First or second term. Credit three hours. Prerequisite, Rural Education 111. Prerequisite or parallel, Rural Education 116. Advised for teachers and for extension and social workers. Should be taken in the junior or the senior year. Lectures and discussion: first term, W F 9; second term, W F 9; Room 245. Two hours of observation weekly in the laboratory. Programs to be checked with instructor during registration. Laboratory to be arranged after the first lecture period. Professor WARING, and Misses REEVES and METCALF.

This course aims to make students see children in relation to the adults who guide them. It undertakes to direct them to observe the child's behavior impersonally and objectively, to record accurately what they see; to organize their records so that they disclose significant and characteristic behavior of each child; to distinguish between desirable and undesirable behavior of the children and between desirable and undesirable guidance procedures of adults. Laboratory fee, \$5.

107. Home and School Environment for Young Children. First term. Credit three hours. Prerequisite or parallel, Family Life 101. Advised for teachers and for extension and social workers. Should be taken in the senior year. Lec-

tures and discussion, T Th 8, Nursery School. Two hours of observation weekly in the Nursery School and the home. Programs to be checked with instructor during registration. Laboratory to be arranged after the first lecture period. Professor FOWLER.

Principles underlying the selection, care, and use of materials and equipment for pre-school children in home, nursery, or kindergarten, evaluation and constant readjustment of this environmental equipment by adults as determined by the child's response to it.

Consideration is given to such material elements in the child's environment as toys, books, pictures, plastic materials, paint, tools, and nature materials, and the child's response to these. Laboratory fee, \$5.

125. Infant and Child Hygiene, Elementary Course. First term. Credit two hours. Advised for teachers and for extension and social workers. Should be taken in the sophomore or the junior year. Lecture and discussion, T Th 10. Room 100. Dr. BULL.

This course is concerned with the indications of health in the baby and the pre-school child, the physical care and some of the hygienic measures that give maximum protection from some of the defects and diseases of babyhood and early childhood. It aims to give the student a fundamental knowledge of the factors making for positive health, of the common diseases, physical defects and disturbances that should have medical attention; and of the relation of child health and hygiene to other trends making for better children.

127. Infant and Child Hygiene, Advanced Course. Second term. Credit two hours, for discussion only; three hours for discussions and laboratory. Laboratory hours to be arranged. Open to students majoring or minoring in Child Guidance. Discussions, F 2-4. Room 100. Dr. BULL.

This course presupposes that course 125 or its equivalent has been taken. It is designed to give students with a special interest in young children a more comprehensive knowledge of the healthy child, of all factors making for positive health and wholesome physical development, and of family and community health measures. Laboratory fee, \$5.

205. Principles in Child Guidance, Advanced Course. Second term. Credit three hours. Prerequisite, Family Life 101. Open to seniors and graduate students with adequate personal and professional qualifications. Lectures and discussion, W F 8. Nursery School. Two hours of observation weekly in the laboratory. Programs to be checked with instructor during registration. Laboratory to be arranged after the first lecture period. Professor WARING.

This course undertakes to direct students to observe what situations young children meet, how they meet them, and what adults do to help or to hinder the children in meeting them in desirable ways. It undertakes to study a child's behavior, to see what it may involve in performance, in attitude, and in meaning, to discover in which of these aspects, if any, his experience is undesirable, to see what elements in the situation must influence his behavior, how he usually responds to them, how adults may change the situations and thereby improve his behavior. Laboratory fee, \$5.

215. Studies in Child Development and Parent Education. First and second terms. Credit four or more hours. Prerequisite, Family Life 205. Open to graduate students only. Nursery School. At least four hours each term for students majoring in the department for a major or minoring for a doctorate. Professor WARING.

The course undertakes to direct the student in the intensive study of four or more children and their families in all the phases of child development and parent education available in the department, including laboratory study, home visitation, parent conferences of various sorts, and some experience in small group discussion and large group leadership. Laboratory fee, \$5.

220. Participation in the Nursery School. First or second term. Credit three or four hours. A total of thirty hours of supervised participation with the children in the Nursery School for each hour of credit and one hour in conference with the teaching staff each week. Open only to a limited number of seniors and graduate students with adequate personal and professional qualifications. Prerequisite, Family Life 101 and 107. Laboratory and conference hours to be arranged. Professor FOWLER and Miss REEVES.

Laboratory fee, \$5.

Seminary in Child Guidance. See Rural Education 228.

EXTENSION

Students desiring to specialize in extension may register for Special Problems 150 (extension), two hours, first and second terms.

SPECIAL PROBLEMS

150. Special Problems. First and second terms. Credit and hours by arrangement. Open to seniors and graduate students in home economics, and to other qualified students by special consent. Prerequisite, a fundamental knowledge of home economics. Instruction by members of the staff.

A course intended for the development of the individual student in particular lines of work. It includes not only the acquisition and discussion of subject matter, but also consideration of the logical organization of subject matter by teachers and extension workers, and the proper presentation of findings by research workers. Fee determined by the problems.

160a. Special Problems. First term. Credit three hours. A general training course for students who are to participate in courses. Hours to be arranged. Professor ROSE and Acting Professor SCHUMAKER.

160b. Special Problems. Second term. Credit three hours. A continuation of course 160a. M W 11-12:30. Room 245. Professor ROSE and Acting Professor SCHUMAKER.

160c. Special Problems. First or second term. Credit one, two, or three hours. Hours to be arranged. Members of the staff.

This indicates student participation in a course, under the guidance of a staff member.

EXTENSION WORK

Extension work in home economics at the New York State College of Home Economics is designed to help residents of New York State in their home problems and is done in cooperation with the county home bureaus, working through a county home-demonstration agent. The College offers correspondence service relative to homemaking subjects, as well as a limited number of addresses given by members of the resident and extension staffs of the College of Home Economics. For further information address the State Leader of Home Economics Extension, New York State College of Home Economics, Ithaca, New York.

SUMMER SCHOOL

Courses in Home Economics are offered in the six-weeks summer session, beginning early in July. For information concerning the summer courses, address the Secretary of the New York State Colleges of Agriculture and Home Economics, Ithaca, New York.

COURSES IN OTHER COLLEGES WHICH MEET THE BASIC
REQUIREMENTS OF REGULAR STUDENTS IN THE
COLLEGE OF HOME ECONOMICS*

10. Agricultural Engineering: Household Mechanics. Second term. Credit three hours. For women students. Lectures, T Th 12. Caldwell 143. Practice, Th 1.40-4, F 10-12.30, or F 1.40-4. Agricultural Engineering Laboratories. Professor ROBB, and Messrs. WRIGHT and EASTMAN.

Laboratory fee, \$1.

92. Animal Husbandry: Meat and Meat Products. First or second term. For students in home economics. Registration limited to twenty students. Credit one hour. Laboratory and lecture period, M 1.40-4. Animal Husbandry Building B and Meat Laboratory. Mr. SCHUTT.

Laboratory fee, \$2.

2. Bacteriology: Elementary Bacteriology. Second term. Credit three hours. Prerequisite, Chemistry 101. Open only to students in the College of Home Economics. Lectures, recitations, and laboratory practice, T Th 8-11 or 1.40-4.30. Dairy Building 119 and 301. Assistant Professor STARK and Mrs. STARK.

A general elementary course adapted to the needs of students in home economics. Laboratory fee, \$10.

1. General Biology. Throughout the year. Credit three hours a term. First term prerequisite to second. Not open to students who have had college courses in zoology and botany. Lectures, M W 9 or 11. Plant Science 233. One practice period a week. Roberts 302. Professor CLAASSEN, Mr. WOODRUFF and assistants.

Students must report to the Biology office, Roberts 322, for assignment to laboratory sections at the time of registration. Laboratory fee, \$3.50 a term.

1. Introductory Zoology. First and second terms. Credit three hours a term. Lectures: section 1, T Th 9; section 2, T Th 11. Goldwin Smith B. Laboratory, M T W or F 1.40-4 or S 8-10.20. McGraw 2. Professor REED, Dr. MEKEEL, and Misses McMULLEN and PHELPS.

Registration with the department before instruction begins is necessary for the assignment of laboratory and lecture sections.

303. Biology: Human Physiology. First or second term. Credit three hours. M W F 10. Stimson Amphitheater. Assistant Professor DYE and instructors.

314. Biology: Elementary Biochemistry. First term. Credit three hours. Prerequisite, Chemistry 375 or its equivalent. Lectures, M W 12; conferences, F 12; Stimson 4. Professor SUMNER, and Messrs. KIRK and HOWELL.

314a. Biology: Laboratory Work in Biochemistry. First term. Credit two hours. Prerequisite or parallel, Animal Biology 314. M W 1.40-4. Stimson 34. Professor SUMNER, and Messrs. KIRK and HOWELL.

1. Botany: General Botany. Throughout the year. Credit three hours a term except by permission of the department; both terms of the course must be completed to obtain credit. Lectures, T Th 9 or 11. Plant Science 233. Laboratory, one period of two and one-half hours. Plant Science 240, 242, 262. Assignment to sections must be made at the time of registration. Professor PETRY, Messrs. LAUBENGAYER, THOMAS, SCHAPPELLE, and LINDSEY, Miss CREIGHTON, and others. Laboratory fee, \$3.50 a term.

101. Chemistry: Introductory Inorganic. Repeated in the second term. Credit three hours. Lectures, T Th S 11, M W F 11. Baker, Main Lecture Room. Professor BROWNE and Assistant Professor LAUBENGAYER.

Examinations for those who were unavoidably absent from the final examination in Chemistry 101 and 105 will be held at 2 p.m. on the day before instruction begins in the fall.

105. Chemistry: Introductory Inorganic. Recitations and laboratory practice repeated in the second term. Credit three hours. Recitations, one hour per week

*Description of these courses may be found in the catalogues of the Colleges in which they are given.

to be arranged. Laboratory sections: M F 1.40-4, T Th 1.40-4, W 1.40-4, S 8-10.20. Room 150. Professor BROWNE, Assistant Professor LAUBENGAYER, and assistants.

Chemistry 101 and 105 must be taken simultaneously unless permission has been obtained by the student from the Dean of his College and from the Department of Chemistry to take either course alone.

210. **Chemistry: Introductory Qualitative Analysis.** Shorter course. Repeated in the second term. Credit three hours. Prerequisite, Chemistry 101 and 105. Lecture, Th 12. Baker 207. Laboratory sections, T Th 8-10.20, T Th 1.40-4. Baker 50. Mr. AVENS and assistants.

225. **Chemistry: Introductory Quantitative Analysis.** Shorter course. Repeated in the second term. Credit three hours. Prerequisite or parallel, Chemistry 210. Lecture, Th 12. Baker 207. Laboratory sections, T Th 8-10.20, T Th 9-11.20, M W 1.40-4, T Th 1.40-4. Baker 252. Mr. FLOYD and assistants.

365. **Chemistry: Elementary Organic.** Second term. Lectures and written reviews only, three hours credit; with laboratory, four or five hours credit. Open only to students in home economics. Prerequisite, Chemistry 101 and 105. Lectures and written reviews, M W F 11, Baker 207. Laboratory M or W 1.40-4, Baker 250. Dr. TALLMAN and assistants.

1. **Economics: Modern Economic Society.** Repeated in second term. Credit five hours. Daily except S 8, 9, 10, 11, 12. Professor ENGLISH and Assistant Professor O'LEARY.

In the first term the enrollment will be limited. Students should register, if possible, on the first day of registration. Assignment to sections will be made on registration days at Goldwin Smith 260.

2a. **Economics: Modern Economic Society.** First term. Credit three hours. M W F 8, 9, 11; T Th S 8, 9, 11. Professor ENGLISH.

Courses 2a and 2b have the same content as course 1. Enrollment is limited, and students should register, if possible, on the first day of registration. Assignment to sections is made on registration days in Goldwin Smith 260.

2b. **Economics: Modern Economic Society.** Second term. Credit three hours. Prerequisite, course 2a. M W F 8, 9, 11; T Th S 8, 9, 11. Professor ENGLISH.

50a. **Economics: Introduction to Sociology.** First term. Credit three hours. T Th 9 and an hour to be arranged. Goldwin Smith 142. Assistant Professor WOODWARD.

A study of racial and cultural origins and of the factors determining organic evolution and cultural development.

2. **Education: Principles of Secondary Education.** Second term. Credit three hours. Prerequisite, Education 1 or its equivalent. Students must report to Goldwin Smith 251 for assignment to sections. Section 1, M W F 2. Professor JORDAN. Section 2, T Th S 12. Assistant Professor FREEMAN. Goldwin Smith 234.

13. **Education: History of American Education.** First or second term. Credit three hours. Prerequisite, Education 1 or its equivalent. T Th S 10. Goldwin Smith 142. Mr. HULSE.

1. **English: Elementary Composition and Literature.** Throughout the year. Credit three hours a term. M W F 8, 9, 10, 11, 12, and T Th S 8, 9, 11, 12. Rooms to be announced. Messrs. BALDWIN, MULLER, HARRIS, J. C. ADAMS, WENTWORTH, and TENNEY.

Open to underclassmen who have satisfied the entrance requirements in English. Students who have not taken the course in the first term may enter in the second term.

A study of composition in connection with the reading of representative works in English literature.

Students who elect English 1 must apply at Roberts 292 on Monday, Tuesday, or Wednesday of registration week. Registration in the course is in charge of Mr. Baldwin.

101. **Extension Teaching: Oral and Written Expression.** First term. Credit two hours. Open to juniors and seniors. The number in each section will be

limited. Students will consult Assistant Professor PEABODY for assignment to sections. Lectures and practice, M F 11, W F 10, or T Th 11, Roberts 131; T Th 10, Roberts 292. Criticism by appointment, daily, 8-1. Professors EVERETT and WHEELER, and Assistant Professor PEABODY.

15. **Extension Teaching: Agricultural Journalism.** First term. Credit three hours. Open only to those who have passed the required hours in English with an average grade of C, or better. T Th S 10. Fernow 210. Professor BRISTOW ADAMS.

1. **Hygiene.** First term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required. Sections for men: M 9, 10, 11, 12; T 9, 11, 12; W 8, 9, 10, 11, 12; Th 8, 9, 11, 12; F 8, 11; S 8, 9, 10, 12. Professor SMILEY, Assistant Professor GOULD, SHOW-ACRE, and YORK, and Doctor ROBINSON.

Sections for women: M 8; T 8, 10; W 2; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctor FETTERLY.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

2. **Hygiene.** Second term. Credit one hour. One lecture recitation each week with preliminary examination and final. The use of a textbook will be required.

Sections for men: M 9, 10, 11, 12; T 9, 11, 12; W 8, 9, 11, 12; Th 9, 11, 12; F 8, 11, 12; S 8, 9, 10, 12. Professor SMILEY, Assistant Professors GOULD, SHOW-ACRE, and YORK, and Doctor ROBINSON.

Sections for women: M 8; T 8, 10; W 2; Th 10, 2; F 9, 2; S 11. Assistant Professor EVANS and Doctor FETTERLY.

Students must report for registration and assignment to sections, the men at the Old Armory, the women at Sage Gymnasium.

3. **Physics: Introductory Experimental Physics.** First term. Credit three hours.

Two plans of study are offered, as follows:

(a) Primarily for students who do not offer physics for entrance. Demonstration lectures, W F 9 or 11. Rockefeller A. One two-hour laboratory period, to be arranged. Rockefeller 220. Assistant Professor HOWE and assistants.

(b) Open only to students who offer physics for entrance. Demonstration lecture, M 9 or 11. Recitations, W F 9 or 11, T Th 9 or 11. One two-hour laboratory period, to be arranged. Assistant Professor HOWE and assistants.

Properties of matter, sound, and light.

4. **Physics: Introductory Experimental Physics.** Second term. Credit three hours. A continuation of course 3. May be taken before course 3.

Sections (a) and (b) and hours as in course 3. Lectures: (a) Professor MERRITT, (b) Assistant Professor HOWE.

Electricity, magnetism, and heat.

1. **Psychology: Elementary Psychology.** Repeated in the second term. Credit three hours. Lectures, first term, T Th 11, Professor WELD; M W 12, Assistant Professor JENKINS. Lectures, second term, M W 12, Dr. KREEZER. Goldwin Smith C. Recitations, one hour a week, to be arranged; Dr. FELDMAN and Mr. Fox.

110. **Rural Education: Psychology, An Introductory Course.** First or second term. Credit three hours. Open to students above the freshman year. M W F 10. Stone 203. Assistant Professor WINSOR.

This course is designed for others than those preparing to teach. Students who expect to qualify for teaching should take the four-hour course in Psychology for Students of Education (Rural Education 111).

111. **Rural Education: Psychology for Students of Education.** First or second term. Credit four hours. Open to juniors and seniors. First term: Section 1, lectures, M W F 11; laboratory, T 1.40-4; Stone 203. Section 2, lectures, M W F 9; laboratory, Th 1.40-4; Stone 203. Second term: Section 1, lectures, M W F 11; Laboratory, T 1.40-4; Stone 203. Section 2, lectures, M W F 8; laboratory, Th 1.40-4, Stone 203. Assistant Professors BAYNE and WINSOR, and Miss GARDNER.

116. Rural Education: Psychology for Students of Child Training. Second term. Credit two hours. Open only to students who have had course 111. T Th 11. Caldwell 100. Professor KRUSE.

228. Rural Education: Seminary in Child Guidance. Second term. Credit two hours. For graduate students who have had some work in Child Guidance. Professor WARING.

135. Rural Education: The Teaching of Home Economics in the Secondary School. Second term. Credit three hours. Prerequisite, Rural Education 111. Required of juniors preparing to teach. Rural Education 181 or its equivalent should precede or parallel it. Lectures, T Th 8; laboratory, T or Th 1.40-4; Stone 102. Professor BINZEL.

136. Rural Education: Directed Teaching of Home Economics in the Secondary School. First or second term. Credit two or three hours, amount to be determined by work done. Prerequisite, Rural Education 135. Students planning to take this course should arrange with the department during the junior year. General conferences, S 8-10. Stone 203. Professor BINZEL, and Misses BULL and HASTIE.

A week-end trip for the purpose of studying equipment is a part of the course.

181. Rural Education: Principles of Education. Second term. Credit three hours. Open to juniors and seniors who have completed course 111. Students preparing to teach home economics should take this course. Section 1, M W F 11, Caldwell 100; section 2, M W F 9, East Roberts 222. Professor MOORE.

A consideration of fundamental principles of education with special attention to the needs of prospective teachers in the high school.

1. Rural Social Organization: Introduction to Sociology. Second term. Credit three hours. Open to sophomores. Not open to freshmen except those registered in the curriculum for social workers in the College of Home Economics. Lectures and discussions: section 1, M W F 8; section 2, T Th S 8; Fernow 210. Assistant Professor ANDERSON and Mr. BEERS.

Fee for materials furnished, \$1.50.

12. Rural Social Organization: Rural Sociology. Second term. Credit three hours. Open to sophomores. Prerequisite, course 1 or its equivalent, or special permission. T Th S 11. Fernow 308. Mr. BEERS.

121. Rural Social Organization: The Family. First term. Credit four hours. Open to juniors, seniors, and graduate students; open to sophomores only if registered in the curriculum for social workers in the College of Home Economics. Prerequisite, course 1 or its equivalent. Lectures, discussions, group conferences, and reports. Section 1, T Th S 8; section 2, T Th S 11, and a one-hour group conference to be arranged; Fernow 210. Professor SANDERSON.

Fee for materials, \$3.50.

122. Rural Social Organization: Social Problems and Public Welfare Organization. Second term. Credit three hours. M W F 8. Fernow 308. Assistant Professor ANDERSON.

A study of social problems such as poverty, delinquency, crime, the physically handicapped, the feeble-minded and mentally diseased, social insurance, public health, mothers' pensions, unemployment, and the like; a consideration of public and private agencies for social work and desirable public policy with regard to their organization and support.

123. Rural Social Organization: Field Work in Rural Society. Throughout the year. Open only to advanced students by special permission. All work is individual. Hours and credit to be arranged. Professor SANDERSON.

UNIVERSITY REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE, AND RELATED ELECTIVE COURSES

Hygiene and Preventive Medicine

All undergraduate students are required to present themselves to the Medical Advisers and receive a thorough confidential physical examination once a year.

Appointments for this examination must be made during the regular registration days of the first term by all entering students and sophomores. Appointments for this examination must be made during the regular registration days of the second term by all juniors and seniors.

All freshmen are required to include Hygiene 1 and 2 in their schedules.

The following courses may be elected for credit. All registrations at Hygiene office, Old Armory.

3. Hygiene: Health Supervision of School Children. Second term. Credit two hours. Open to sophomores, juniors, and seniors. Prerequisites, suggested but not demanded, Human Physiology and Anatomy. T Th 12. Histology Lecture Room, Stimson. Assistant Professor GOULD.

A practical course of lectures and demonstrations designed to familiarize the student with the facts and methods necessary for making an effective health supervision of school children.

4. Hygiene: Advanced First Aid. First term, repeated in second term. Credit one hour. Prerequisites, Hygiene 1 and 2 and Human Anatomy or Human Physiology. Enrollment limited, and registration only after conference with instructor in charge. First term: section 1, T 12; section 2, F 9. Second term: section 1, M 8; Histology Lecture Room, Stimson; section 2, S 9, Anatomy Lecture Room, Stimson. Assistant Professor SHOWACRE.

This course includes the theory of the diagnosis and temporary treatment of the common emergencies with practical application of the essential fundamentals.

5. Hygiene: Industrial Hygiene. First term. Credit one hour. Prerequisites, Hygiene 1 and 2. Th 12. Histology Lecture Room, Stimson. Assistant Professor GOULD.

Factory sanitation, ventilation, and illumination; occupational poisoning and disease; factory legislation; accident prevention; fatigue in industry; preventive medicine in the industries.

7. Hygiene: Rural Hygiene. Second term. Credit one hour. Prerequisites, Hygiene 1 and 2. W 12. Anatomy Lecture Room, Stimson. Professor SMILEY.

A general consideration of the health problems peculiar to rural areas, with the presentation of practical schemes for the solution of these problems as far as possible.

8. Hygiene: Mental Hygiene. First term. Repeated in second term. Credit two hours. Prerequisites, Hygiene 1 and 2. T Th 2. Histology Lecture Room, Stimson. Assistant Professor YORK.

A study of the factors involved in the maintenance of mental health of the individual; that is, satisfactory human relationships, attitudes, and behavior. Discussion of the causes and mechanisms underlying the more common personality deviations.

Physical Training

6. Physical Training for Women (Freshmen). Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, and RYAN, and Mrs. PRIDHAM.

7. Physical Training for Women (Sophomores). Throughout the year, three periods a week. Misses BATEMAN, CANFIELD, DANIELS, and RYAN, and Mrs. PRIDHAM.

The work of the two years consists of outdoor sports from the beginning of the year to Thanksgiving, and from the Easter vacation to the end of the year. From Thanksgiving to Easter, the work is indoors, and consists of gymnastic exercises, folk, aesthetic, and interpretative dancing, indoor games, and apparatus work. Corrective exercises as prescribed by the Medical Examiners as a result of the physical examination required of all students in the University. Miss DANIELS.

For further information as to the required work in physical training, see the handbook issued by the department.